



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Gary W. Scott

Serial No.: 09/761,921

Filed: January 17, 2001

Title: Detection of Arcing Faults
Using Bifurcated Wiring System

Atty. Dkt: NBD-46/47181-
00193USP1

Group Art: 2857

Examiner: West, Jeffrey R.

Box AF
Commissioner For Patents
Washington, D.C. 20231

Dear Commissioner:

**AMENDMENT AND RESPONSE TO
OFFICE ACTION DATED JANUARY 23, 2003**

CERTIFICATE OF MAILING
37 C.F.R. 1.8

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as First Class Mail in an envelope addressed to: Box AF, Commissioner for Patents, Washington, D.C. on the date indicated below:

3-24-03
Date

Lynn A. Handrick

In response to the Office Action dated January 23, 2003, please amend the above-identified application as follows:

In the Claims

Please amend claims 1 and 17 as follows:

Sub B C
1. (Twice amended) A zone arc fault detection system for detecting series and parallel arcing faults in a defined zone of an electrical circuit supplying electrical power to a load, [such as an aircraft circuit,] comprising:

a single pair of substantially identical parallel insulated load conductors for each zone in which arcing is to be detected, thereby defining a detection zone comprising the

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PATENT

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In the Application Of:

Gary W. Scott

Application No.: 09/761,921

Filed: January 17, 2001

Title: DETECTION OF ARCING
FAULTS USING BIFURCATED
WIRING SYSTEM

Atty. Docket No.: NBD-46
47181-00193USP1

Group Art Unit: 2857

Examiner: West, Jeffrey R.

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AMENDMENT TRANSMITTAL

Box AF
Commissioner for Patents
Washington, D.C. 20231

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to the Box AF, Commissioner for Patents, Washington, D.C. 20231.

Date: March 24, 2003

Signature:

Lynn A. Handick

Dear Sir:

Transmitted herewith is an "Amendment and Response To Office Action Dated January 23, 2003" for this application.

The Applicant is other than a small entity.

The proceedings herein are for a patent application, and the provisions of 37 C.F.R. § 1.136 apply.

The Applicant believes that no extension of time is required. This conditional petition is being made, however, to provide for the possibility that the Applicant has inadvertently overlooked the need for a petition for extension of time.

The fee for claims (37 C.F.R. § 1.16(b)-(d)) has been calculated as shown below.

	Claims Remaining	Highest No. Paid For	Extra	Small Entity	Large Entity
Total	40	32	8 x	\$ 9 = \$	\$ 18 = \$144.00
Independent	4	3	1 x	\$ 42 = \$	\$ 84 = \$84.00
Multiple Dependent Claim Presented				\$ 140 = \$	\$ 280 = \$ 0
TOTAL ADDITIONAL FEE					\$ 228.00

Enclosed is check in the amount of \$228.00 to cover the additional claims fees calculated above.

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 10-0447 (47181-00193USP1). A duplicate copy of this Transmittal is enclosed for that purpose.

Respectfully submitted,

Date: March 24, 2003



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